

Figure 3 Map showing sources and availability of gravel and location of erratic stones

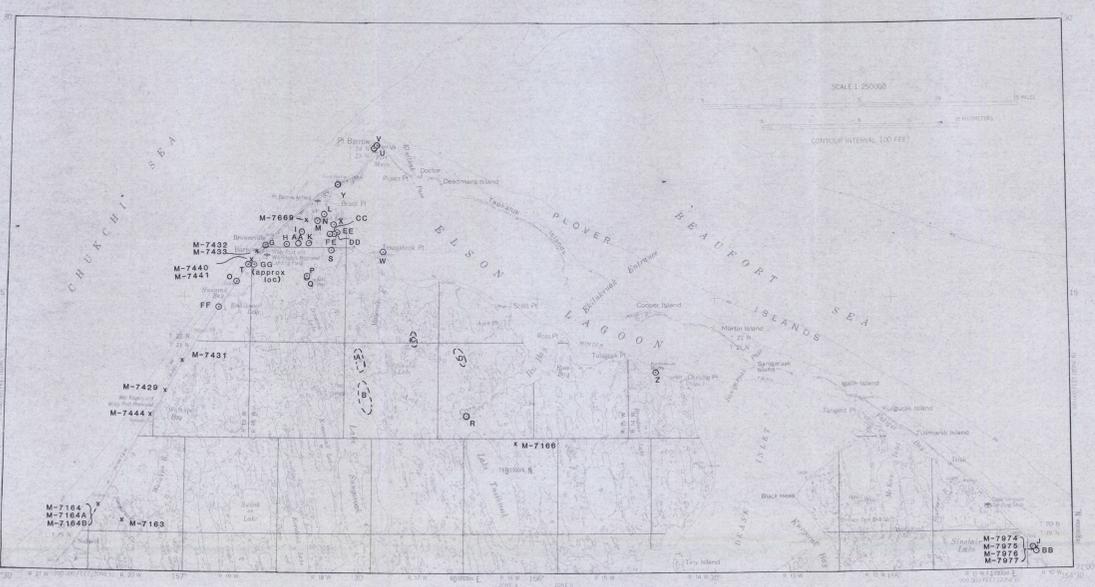


Figure 4 Map showing locations of radiocarbon and paleontological samples

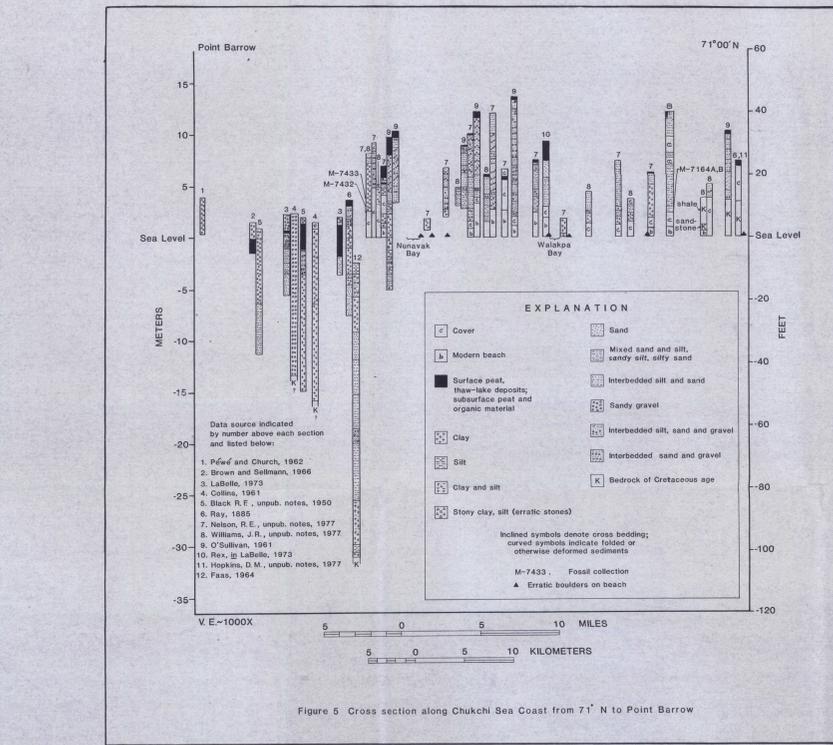


Figure 5 Cross section along Chukchi Sea Coast from 71° N to Point Barrow

Table 3. Description of erratic boulders

Number	Description and size (cm)	Source of information
1	Quartzite, metabasaltic, indurated, 23x31x11	McCarty (1958) (1)
2	Granite, coarse	180x17x95
3	Igneous or metabasaltic rock, quartz veins	18x8
4	Granite, foliated	29x20x15
5	Granite, dark red	17x23x18
6	Granite, olive, coarse angular	198x73x58
7	Red granite, 23x52x25	00
8	Chert, gray	20x14x13
9	Quartzite, red, angular, with pebbles of chert, metabasaltic, quartzite	64x43
10	Granite, pinkish, reddish subang.	54x42x36
11	Granite, light reddish, approx. 10x10x10	00
12	Variety of fractured and striated boulders of gray quartzite, augite diabase, red granite, chert, white, red granite to 10x10x10	00
13	Quartzite, red-brown, limestone 10x11x11	00 (12-28)
14	Quartzite, with chert, calcite, and quartzite pebbles (23x18x13) and boulders, gray	22x18x8
15	Granite pegmatite, gray	60x40x36
16	Diabase	00
17	Granite, red	00
18	Basaltic granite, red 38x20x15, quartzite 22x17x8	00 (12, 13)
19	Granite 1-ton boulder, approximate location	00
20	Granite, light reddish, approx. 10x10x10	00
21	Pebbles black, chert, red and brown quartzite, and red granite at outcrops in clay	Black (1964, p. 69; Nelson, R. L., 1978 notes)
22	Chert, red brown, yellow white quartzite, red granite, metabasaltic granite or diorite, black slate, vein quartz sandstone, and dolomite in green lenses in clay	Black (1964, p. 69; Nelson, R. L., 1978 notes)
23	Quartzite, red, angular, in creek bed 25 cm	00
24	Quartzite, red, angular boulder	63x40x25
25	Granite, numerous slabs 70-200 cm	00
26	Altered volcanic tephritic 25 cm diameter	00
27	Several locations where erratic boulders noted	00
28	Granite, coarse-grained, 50 cm diameter	00
29	Granite boulder, 1 m diameter	00
30	Granite boulder, 1 m diameter	00
31	Granite, pink, 70 cm longest dimension	00
32	Granite boulder in floodline at creek	00
33	Erratic boulder in goring station and in piling holes	00
34	Basaltic red quartzite at base of bank on road at 3.3 m above sea level	Nelson (1972), p. 124

Table 4. Checklist of marine microfossils at selected localities (Identified by L. M. Hertzberg, Jr., and Dale Russell, U.S. Geological Survey)

Locality	Forams	Alveolates	Ammonites	Belemnites	Brachiopods	Crinoids	Graptolites	Hydroids	Isopods	Mollusks	Nematodes	Polychaetes	Trilobites	Other
M-7164	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164A	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164B	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164C	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164D	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164E	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164F	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164G	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164H	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164I	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164J	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164K	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164L	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164M	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164N	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164O	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164P	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164Q	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164R	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164S	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164T	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164U	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164V	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164W	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X
M-7164Z	X	X	X	X	X	X	X	X	X	X	X	X	X	X